

**AMENDMENTS TO THE CLAIMS:**

Please amend the claims as shown in the following Listing of Claims.

1. **(currently amended)** A portable defibrillator comprising a main housing containing defibrillator circuitry and a disposable electrode assembly external to said housing, the electrode assembly sub-housing removably fitted to the main housing, the sub-housing comprising an electrode storage location containing a pair of defibrillator electrodes, at least one battery within said sub-housing for powering the defibrillator circuitry, and a connector for electrically connecting the electrode-and-battery sub-housing to the defibrillator main housing, wherein the connector has power output terminals for connecting the at least one battery to the defibrillator circuitry and at least one high voltage input terminal for receiving a defibrillation voltage to be applied to the electrodes, wherein the electrodes have a storage location on the defibrillator housing and are electrically connected by a frangible connection which is broken when the electrodes are deployed from the storage location, and wherein the defibrillator circuitry determines when the frangible connection is broken to complete a power circuit in the defibrillator main housing for energizing the electrodes.

2. **(cancelled)**

3. **(cancelled)**

4. **(cancelled)**

5. **(currently amended)** A defibrillator as claimed in claim 4 1, wherein the common housing sub-housing is slidable into a complementary recess in the defibrillator main housing, the sliding movement bringing the terminals on the two housings the main housing and the sub-housing into engagement.

6. **(currently amended)** A defibrillator claimed in claim 5, wherein the common housing sub-housing comprises a shallow upper tray-like recess for accommodating the defibrillator electrodes and a deeper battery-containing recess occupying part of the area of the tray-like recess, wherein the defibrillator main housing has a stepped recess complementary to that of the lower surface of the common housing sub-housing, wherein the common housing sub-

housing is slid into the recess in the defibrillator main housing from an edge thereof in a direction substantially parallel to the plane of the tray-like recess, and wherein the engaging terminals are located on riser portions of the lower surface of the common housing sub-housing and the complementary recess in the defibrillator main housing.

7. (cancelled)

8. (cancelled)

9. (cancelled)

10. (previously presented) A defibrillator as claimed in claim 1, wherein removing the electrodes from the storage location breaks the frangible connection.

11. (previously presented) A defibrillator as claimed in claim 1, wherein removing the electrodes from the stowage location and separating the electrodes for use breaks the frangible connection.